

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S156 | 2 | (("5882956") or ("6007920")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/19 10:01 |
| S157 | 59 | (furukawa).as. laser dicing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 10:03 |
| S162 | 0 | die adj dond\$3 laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 10:26 |
| S163 | 5094 | die adj bond\$3 laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 10:26 |
| S164 | 575 | die adj bond\$3 laser same (adhesive) same (substrate or wafer or carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 10:27 |
| S165 | 7 | die adj bond\$3 laser same (adhesive) same (substrate or wafer or carrier) (laser near (first second)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 10:48 |
| S166 | 16 | ("20040180473" "20050242073" "20060035411" "20060205183" "20060216911" "20060255022" "20060281226" "20070004179" "20070109526" "20070128767" "20070141811" "20070264799" "6130401" "6514795" "6896760" "7388172").PN. OR ("7737002").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/08/19 10:53 |

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|------|-----|---|--|-----|-----|---------------------|
| S167 | 323 | die adj bond\$3 laser with (adhesive) laser with (substrate or wafer or carrier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 11:09 |
| S168 | 56 | die adj bond\$3 laser with (adhesive) same wavelength laser with (substrate or wafer or carrier) same wavelength | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 12:36 |
| S169 | 29 | die adj bond\$3 laser with (adhesive) same energy laser with (substrate or wafer or carrier) same energy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/19 13:19 |
| S170 | 2 | 11/806847.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/24 11:47 |
| S171 | 0 | (55/977767).APP. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/24 13:38 |
| S172 | 1 | ("5597767").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/24 13:38 |
| S173 | 1 | ("20070293021").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/26 13:59 |
| S174 | 75 | (US-20070224733-\$ or US-20040113283-\$ or US-20040048419-\$ or US-20040104491-\$ or US-20050070095-\$ or US-20020098608-\$ or US-20040002199-\$ or US-20040137699-\$ or US-20020100941-\$ or US-20040097054-\$ or US-20060128065-\$ or US-20020177288-\$ or US-20060094208-\$ or US-20040180473-\$ or US-20020137309-\$ or US-20020055238-\$ or US-20010000079-\$ or US-20070293021-\$ or US-20050242073-\$ or US-20040026382-\$ or US-20070249145-\$).did. or (US-5641714-\$ or US-6908784-\$ or US-7482702-\$ or US-6319754-\$ or US-6589809-\$ or US-7015064-\$ or US-5597767-\$ or | US-PGPUB; USPAT; JPO; DERWENT | AND | ON | 2010/08/26 14:15 |

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|------|-----|--|---|-----|-----|---------------------|
| | | US-7192843-\$ or US-6964915-\$ or US-7413929-\$ or US-6930392-\$ or US-7063765-\$ or US-7029950-\$ or US-6972215-\$ or US-6677183-\$ or US-6873059-\$ or US-7122447-\$ or US-6943094-\$ or US-6896760-\$ or US-6514795-\$ or US-6413839-\$ or US-6361285-\$ or US-6734083-\$ or US-5762744-\$ or US-5110388-\$ or US-6558975-\$).did. or (US-7408259-\$ or US-6919262-\$ or US-6007920-\$ or US-7235465-\$ or US-6589818-\$ or US-5882956-\$ or US-5411921-\$ or US-5927993-\$ or US-6762074-\$ or US-6780734-\$ or US-6656819-\$ or US-7737002-\$ or US-6970612-\$ or US-7275815-\$ or US-7579260-\$ or US-7696014-\$).did. or (JP-2002343747-\$ or JP-2007150206-\$ or JP-2006128577-\$ or JP-2003173988-\$ or JP-2003163186-\$).did. or (JP-2002343747-\$ or JP-2007150206-\$ or JP-2006186305-\$ or JP-2006128577-\$ or JP-2006093368-\$ or JP-2003163186-\$ or WO-2005004226-\$).did. | | | | |
| S175 | 16 | S174 memory | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/26 14:15 |
| S176 | 2 | ((20070293021") or ("20050242073")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/26 14:19 |
| S177 | 210 | (wafer adj divid\$3 method).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/26 21:24 |
| S178 | 168 | (disco).as. (first near5 laser) (second near5 laser) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/26 21:33 |

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|------|-----|---|---|-----|-----|---------------------|
| S179 | 102 | (disco) as (first near2 laser) (second near2 laser) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/26 21:33 |
| S180 | 106 | (disco) as (laser with adhesive) (laser with wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/26 21:33 |
| S181 | 1 | ("20050009307").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/30 09:34 |
| S182 | 85 | first near laser second near laser (adhesive) with (cut\$3 or dic\$3 or scrib\$3 or drill\$3 or divid\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 09:36 |
| S183 | 15 | ("20040002199" "20050006728" "20050082644" "4729971" "6117347" "6211488" "6399463" "6562698" "6849524" "6992026" "7008661" "7129114" "7169687" "7265033").PN. OR ("7550367").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/08/30 09:56 |
| S184 | 420 | 438/463,460,463,118.ccls. laser same adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 09:59 |
| S185 | 727 | 438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 10:01 |
| S186 | 0 | 438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavelength pulse frequency) same laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 10:02 |
| S187 | 0 | 438/463,460,463,118.ccls. laser (tape or adhesive) with (dic\$3 or cut\$4 or drill\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavelength pulse frequency) same laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 10:02 |

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|------|-----|---|---|-----|----|---------------------|
| S188 | 135 | 438/463,460,463,118.cds. laser (tape or adhesive) with (dic\$3 or cu\$4 or dril\$3 or separat\$3 or divid\$3 or scrib\$3 or singulat\$3) (wavelength pulse frequency) same laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/30 10:02 |
| S189 | 16 | "20040180473" "20050242073" "20060035411" "20060205183" "20060216911" "20060255022" "20060281226" "20070004179" "20070109526" "20070128767" "20070141811" "20070264799" "6130401" "6514795" "6896760" "7388172").PN. OR ("7737002").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/08/30 11:09 |
| S190 | 80 | (US-20070224733-\$ or US- 20040113283-\$ or US- 20040048419-\$ or US- 20040104491-\$ or US- 20050070095-\$ or US- 20020098608-\$ or US- 20040002199-\$ or US- 20040137699-\$ or US- 20020100941-\$ or US- 20040097054-\$ or US- 20060128065-\$ or US- 20020177288-\$ or US- 20060094208-\$ or US- 20040180473-\$ or US- 20020137309-\$ or US- 20020055238-\$ or US- 20010000079-\$ or US- 20070293021-\$ or US- 20050242073-\$ or US- 20040026382-\$ or US- 20070249145-\$ or US- 20050009307-\$ or US- 200600040472-\$).did. or (US- 5641714-\$ or US-6908784-\$ or US-7482702-\$ or US-6319754- \$ or US-6589809-\$ or US- 7015064-\$ or US-5597767-\$ or US-7192843-\$ or US-6964915- \$ or US-7413929-\$ or US- 6930392-\$ or US-7063765-\$ or US-7029950-\$ or US-6972215- \$ or US-6677183-\$ or US- 6873059-\$ or US-7122447-\$ or US-6943094-\$ or US-6896760- \$ or US-6514795-\$ or US- 6413839-\$ or US-6861285-\$ or | US-PGPUB; USPAT; JPO; DERWENT | AND | ON | 2010/08/31 08:45 |

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| | | US-6734083-\$ or US-5762744-\$ or US-5110388-\$ or US-6558975-\$).did. or (US-7408259-\$ or US-6919262-\$ or US-6007920-\$ or US-7235465-\$ or US-6589818-\$ or US-5882956-\$ or US-5411921-\$ or US-5927993-\$ or US-6762074-\$ or US-6780734-\$ or US-6656819-\$ or US-7737002-\$ or US-6970612-\$ or US-7275815-\$ or US-7579260-\$ or US-7696014-\$).did. or (JP-2002343747-\$ or JP-2007150206-\$ or JP-2006128577-\$ or JP-2003173988-\$ or JP-2003163186-\$ or JP-2004022936-\$).did. or (JP-2002343747-\$ or JP-2007150206-\$ or JP-2006186305-\$ or JP-2006128577-\$ or JP-2006093368-\$ or JP-2003163186-\$ or WO-2005004226-\$ or JP-61222703-\$ or US-20040089644-\$).did. | | | | |
| S191 | 2662 | 257/E21.598,E21.599.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 08:53 |
| S192 | 97 | 257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3) (wafer adhesive) with laser | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 08:54 |
| S193 | 0 | 257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3 or machine or machining) (different) with laser with (conditions or characteristics or settings or parameters) with (adhesive wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:40 |

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|------|-----|---|---|-----|-----|---------------------|
| S194 | 0 | 257/E21.598,E21.599.ccls. laser same (scrib\$3 or groove or cut\$4 or dicing or dice or diced or singulat\$3 or divid\$3 or separat\$3 or machine or machining) (different or select \$3) with laser with (conditions or characteristics or settings or parameters) with (adhesive wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:41 |
| S195 | 0 | 257/E21.598,E21.599.ccls. (different or select\$3) with laser with (conditions or characteristics or settings or parameters) with (adhesive wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:41 |
| S196 | 2 | 257/E21.598,E21.599.ccls. (different or select\$3) with laser same (conditions or characteristics or settings or parameters) same (adhesive wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:42 |
| S197 | 260 | 257/E21.598,E21.599.ccls. laser with (first second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:43 |
| S198 | 115 | 257/E21.598,E21.599.ccls. laser with (first second) adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 09:56 |
| S199 | 21 | 257/E21.598,E21.599.ccls. laser near2 (machin\$3 or cut\$4 or dicing or diced or dice or scrib\$3 or divid\$3 or separat \$3) near4 adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/08/31 10:21 |
| S200 | 1 | ("20050009307").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/31 12:46 |

EAST Search History (Interference)

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8/31/2010 2:02:38 PM

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